

Toxicity Triggers Subgroup Recommendation

Irrigated Lands Program
Technical Issues Committee

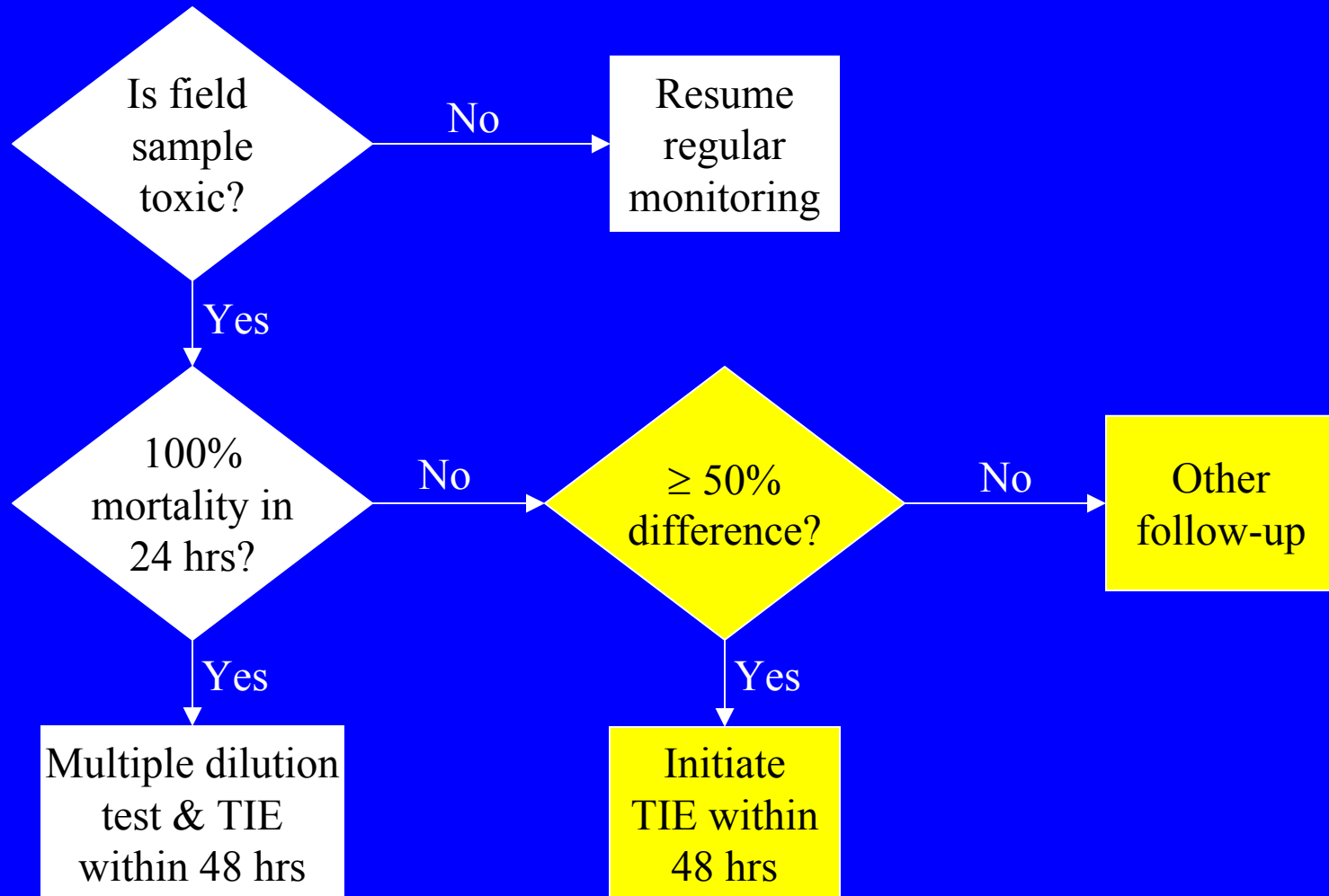
Why is a Toxicity Trigger Needed?

- Toxicity = Statistically Significant
- Greater toxicity increases probability of TIE success
- Trigger = Toxicity level that provides reasonable expectation of successful TIE

TIE Trigger

- $\geq 50\%$ difference between the field sample and the control
- Applies to *Ceriodaphnia*, fathead minnow, and algae toxicity tests
- Is not the definition of toxicity

Toxicity Decision Tree



Outstanding Issues

- Persistence of toxicity
- When to initiate other follow-up measures